

**PRACHT®**

**"THERE WILL NEVER BE ANY COMPROMISE  
IN THE QUALITY OF MY PRACHT LUMINAIRES."**

Alfred Pracht, founder, 1963

# TROJA N LED

**PUBLIC TRANSPORTATION**

**STATIONS**

**UNDERPASSES**

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**150  
l JOULE**

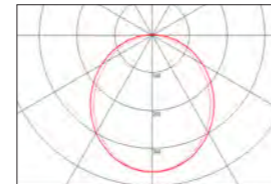
# TROJA N LED

**-20°C LOW PROFILE  
VANDALISM PROTECTED  
EXTREMELY RUGGED SAFETY  
ANTI-GRAFFITI**

## TROJA N LED

Single-lamp, Color temperature 4000K, Wide beam

Power	Option	Luminous flux	P/N	Length	Weight
1x17 W		1900 lm	76 * 3412	705 mm	4,1 kg
1x17 W	DIM-Dali	1900 lm	76 * 3417	705 mm	4,1 kg
1x21 W		2200 lm	76 * 3422	705 mm	4,1 kg
1x21 W	DIM-Dali	2200 lm	76 * 3427	705 mm	4,1 kg
1x30 W		3500 lm	76 * 3414	1261 mm	6,9 kg
1x30 W	DIM-Dali	3500 lm	76 * 3419	1261 mm	6,9 kg
1x37 W		4000 lm	76 * 3424	1261 mm	6,9 kg
1x37 W	DIM-Dali	4000 lm	76 * 3429	1261 mm	6,9 kg
1x40 W		4500 lm	76 * 3415	1561 mm	8,9 kg
1x40 W	DIM-Dali	4500 lm	76 * 3410	1561 mm	8,9 kg
1x50 W		5200 lm	76 * 3425	1561 mm	8,9 kg
1x50 W	DIM-Dali	5200 lm	76 * 3420	1561 mm	8,9 kg



Wide beam

**HOUSING** Low profile, rugged extruded aluminium profile, vandalism protected, integrated ceiling-/wall-side cable channel.

**COVER** Made of polycarbonate OPAL (PC, shatter proof) for glare-free and homogeneous light distribution, framed in aluminium profile frame, end caps made of die cast aluminium, white, powder coated, with hexagon socket screws or safety locks.

**SEALS** Circular silicone seal.

**ELECTRICAL COMPONENTS** High performance LED, converter.

**THROUGH-WIRING** Max. 5x2,5 mm<sup>2</sup>.

**INSTALLATION** Single fitter install, with variable mounting points through PRACHT clip system. After fitting the cover, the mounting clips are protected against unauthorised access.

**FIELDS OF APPLICATION** Vandalism endangered areas, underpasses, traffic installations, railway stations, prisons.

**OPTION** Graffiti-Protect-System, other RAL-colors possible.

## COMPARISON OF LIGHTING EFFICIENCY TROJA T8 1x36W VVG vs TROJA N LED 21W

Sample calculation, Underpass, L 50m, B 4m, LPH 2,70 m; average illuminance: 56 lx

Luminaire	Uniformity (U0)	Amount of luminaires	Maintenance factor	Total power	Luminous flux	Luminous efficacy	Efficiency of the luminaire
TROJA T8 1x36W VVG	0.53	9	0.67	369 W	30150 lm	63.00 lm/W	77.10 %
TROJA N LED 1x21 W	0.50	9	0.75	189 W	19197 lm	101.57 lm/W	100.00 %

### NOTE

Please replace the asterisk \* by the digit provided to complete the order code!

#### COMPLEMENTARY CODES FOR THROUGH-WIRING:

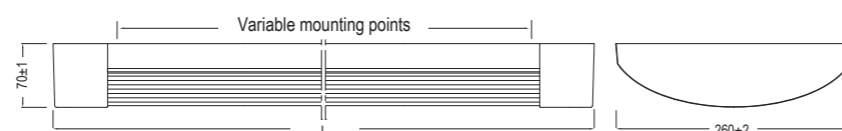
Without through-wiring  
Through-wiring 3x1.5 mm<sup>2</sup> = 10A  
Through-wiring 5x2.5 mm<sup>2</sup> = 16A

Digit	Surcharge
* = 0	-
* = 3	On demand
* = 8	On demand

Also available with different services trunking systems.



Protection class I in accordance with VDE 0711/EN 60598  
Ingress protection IP65  
Dustproof, water jet proof, 230V/50Hz



**5  
YEAR  
WARRANTY**

**UP TO  
100.000 h  
LIFETIME**

**ENERGY  
EFFICIENCY  
CLASS  
A++**

**-20°C ... +40°C**

**Vandalism  
protected**

**PRALUX  
mirror technology**

**LED**

[PRACHT.COM](http://PRACHT.COM) / +49 6466/9140-0